

## EAST Search History

| Ref # | Hits    | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|---|------------------|---------|------------------|
| S1    | 36      | US-5662354-\$.DID. OR<br>US-5657072-\$.DID. OR<br>US-6016144-\$.DID. OR<br>US-6229524-\$.DID. OR<br>US-6151059-\$.DID. OR<br>US-6175362-\$.DID. OR<br>US-6314479-\$.DID. OR<br>US-5781228-\$.DID. OR<br>US-6335736-\$.DID. OR<br>US-5615145-\$.DID. OR<br>US-5615297-\$.DID. OR<br>US-5844620-\$.DID. OR<br>US-5680768-\$.DID. OR<br>US-5517257-\$.DID. OR<br>US-5661906-\$.DID. OR<br>US-6204885-\$.DID. OR<br>US-5677708-\$.DID. OR<br>US-5671225-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/17 16:56 |
| S2    | 13997   | (control\$3 or regulat\$3) same<br>((first adj circuit) or "UART") same<br>((second adj circuit) or "G-Link")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/17 16:14 |
| S3    | 0       | (375/220 or 370/276 or 370/282<br>or 370/296 or 725/86 or<br>725/105).ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/17 15:58 |
| S4    | 3199    | (375/220 or 370/276 or 370/282<br>or 370/296 or 725/86 or<br>725/105).ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 08:15 |
| S5    | 15      | S2 and S4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/17 15:58 |
| S6    | 1813315 | (signal\$3 or data or information)<br>same (transmit\$3 or send\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/17 16:16 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S7  | 1141    | S2 same S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/17 16:11 |
| S9  | 1       | S7 and S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/17 16:09 |
| S10 | 15      | ("bi-directional" or duplex) and<br>("g-link" and "UART") and<br>(feedback)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/17 16:10 |
| S11 | 4091    | (375/220 or 375/147 or 370/276<br>or 370/282 or 370/296 or 725/86<br>or 725/105).cccls.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/17 16:11 |
| S12 | 1       | S2 and S6 and S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/17 16:12 |
| S13 | 1613080 | (control\$3 or regulat\$3) same<br>(interface or transmit\$3 or<br>transmission)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/17 16:16 |
| S14 | 19      | ("UART" or (universal adj<br>asynchronous adj receiver adj<br>transmitter)) and ("g-link" or<br>(gigabit adj link)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/17 16:56 |
| S15 | 19      | S13 and S14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/17 16:57 |

## EAST Search History

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S16 | 2      | ("5862354").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 16:41 |
| S17 | 1173   | (370/438).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 16:57 |
| S18 | 618    | S13 and S17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/17 16:57 |
| S19 | 1173   | (370/438).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/20 07:27 |
| S20 | 132692 | feedback and (control\$3) and (link or interface) and (two or several or multi)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/20 07:29 |
| S21 | 12     | S19 and S20   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/20 07:39 |
| S22 | 10232  | (feedback near5 control\$3) and (control\$3 near5 (link or interface)) and (prohibit\$3 or control\$3 or regulat\$3 or inhibit\$3) near5 (transmit\$3 or communicat\$3) and (mode or state)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/20 07:43 |
| S23 | 4347   | (feedback near5 control\$3) and (control\$3 near5 (link or interface)) and (prohibit\$3 or control\$3 or regulat\$3 or inhibit\$3) near5 (transmit\$3 or communicat\$3) and (mode or state) and ((two or multi or several) near5 (device or circuit)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/20 07:44 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S24 | 224    | ((feedback near5 control\$3) near5 (control\$3 near5 (link or interface))) and (prohibit\$3 or control\$3 or regulat\$3 or inhibit\$3) near5 (transmit\$3 or communicat\$3) and (mode or state) and ((two or multi or several) near5 (device or circuit))    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 07:56 |
| S25 | 23     | ((feedback near5 control\$3) near5 (control\$3 near5 (link or interface))) with ((prohibit\$3 or control\$3 or regulat\$3 or inhibit\$3) near5 (transmit\$3 or communicat\$3)) and (mode or state) and ((two or multi or several) near5 (device or circuit)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 07:49 |
| S26 | 307925 | (interrupt)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 07:50 |
| S27 | 8      | S25 and S26  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 07:50 |
| S28 | 118    | ((feedback near control\$3) near5 (control\$3 near5 (link or interface))) and (prohibit\$3 or control\$3 or regulat\$3 or inhibit\$3) near5 (transmit\$3 or communicat\$3) and (mode or state) and ((two or multi or several) near5 (device or circuit))     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:11 |
| S29 | 28     | ((feedback near control\$3) near (control\$3 near5 (link or interface))) and (prohibit\$3 or control\$3 or regulat\$3 or inhibit\$3) near (transmit\$3 or communicat\$3) and (mode or state) and ((two or multi or several) near (device or circuit))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:13 |
| S30 | 2352   | ((feedback near control\$3) near (circuit or device or apparatus or system)) and (control\$3 near5 (link or interface))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:21 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S31 | 4362  | (375/220 or 370/276 or 370/282 or 370/296 or 725/86 or 725/105 or 370/438).ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:16 |
| S32 | 1     | S30 and S31   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:16 |
| S33 | 29921 | (control\$3 near5 (flow near (data or signal or information)))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:46 |
| S34 | 994   | (725/86 or 725/105).ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:47 |
| S35 | 15    | S33 and S34   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 13:57 |
| S36 | 9318  | (control\$3 near5 (flow near (data or signal or information))) and loop               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:47 |
| S37 | 11925 | (control\$3 near5 (flow near (data or signal or information))) and (loop or feedback) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:47 |
| S38 | 1582  | (725/86 or 725/105 or 375/220).ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:47 |

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|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S39 | 16     | S37 and S38   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 08:48 |
| S40 | 24     | (US-20020155808-\$).did. or<br>(US-6151059-\$ or US-5781228-\$<br>or US-5677708-\$ or US-5717715-\$<br>or US-4610010-\$ or US-6457091-\$<br>or US-5517257-\$ or US-5862354-\$<br>or US-6275499-\$ or US-4528662-\$<br>or US-5835698-\$ or US-4293855-\$<br>or US-5363434-\$ or US-5526037-\$<br>or US-5696815-\$ or US-6367079-\$<br>or US-6021158-\$ or US-6118834-\$<br>or US-6169762-\$).did. or<br>(US-5844620-\$ or US-5657072-\$<br>or US-5517257-\$ or<br>EP-896318-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                    | OR | ON | 2006/11/20 09:23 |
| S41 | 74897  | (inhibit\$3 or prohibit\$3) same<br>(transmit\$3 or transmission or<br>send\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 09:24 |
| S42 | 1      | S40 and S41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 09:26 |
| S43 | 78     | S41 and S38   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 09:41 |
| S44 | 156211 | (interrupt) and (mode or state)<br>and (high or low)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 09:42 |
| S45 | 6982   | S41 and S44   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 09:43 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S46 | 22    | S45 and S38  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 09:48 |
| S47 | 1     | (control adj (circuit or device))<br>near5 (set adj up adj box\$3)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 09:50 |
| S48 | 7     | (control\$3 near (circuit or device))<br>near5 (set adj up adj box\$3)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 10:26 |
| S49 | 6     | ("5371532"   "5481542"  <br>"5774859"   "5883661"  <br>"6041056"   "6167044").PN.    | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/11/20 11:16 |
| S50 | 10    | (short near circuit\$3) same<br>(demonstrat\$ near (mode or state<br>or operation))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 13:12 |
| S51 | 84    | (short\$3 or ground\$3) same<br>(demonstration near (mode or<br>state or operation)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 13:13 |
| S52 | 15    | (short\$3 or ground\$3) with<br>(demonstration near (mode or<br>state or operation)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 13:13 |
| S53 | 6     | ("4021705"   "5105190"  <br>"5406261"   "5488571"  <br>"5767771"   "5964877").PN.    | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/11/20 13:24 |
| S54 | 52218 | pager  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 13:57 |

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|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S55 | 962588 | pag\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/20 13:58 |
| S56 | 6      | S35 and S55  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/20 13:58 |
| S57 | 6      | US-6133909-\$.DID. OR<br>US-6133962-\$.DID. OR<br>US-6188702-\$.DID.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/20 14:58 |
| S58 | 1      | wo-200102942-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/20 15:00 |
| S59 | 1      | wo-200070867-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/20 15:06 |
| S60 | 0      | ("6665871,6801966").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/20 15:01 |
| S61 | 2      | ("6665871").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/20 15:01 |
| S62 | 15     | ("20010013131"   "20010037502"<br>  "5093921"   "5355480"  <br>"5469206"   "5606443"  <br>"5657072"   "5835864"  <br>"5938766"   "5987213"  <br>"6052556"   "6154633"  <br>"6415023"   "6452616"  <br>"6469742").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/11/20 15:01 |



## EAST Search History

|     |         |  |   |    |     |                  |
|-----|---------|--|---|----|-----|------------------|
| S63 | 3       | ("6801966").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/20 15:06 |
| S64 | 12      | ("5787259"   "5812931"  <br>"5914746"   "5940199"  <br>"5970248"   "6128117"  <br>"6292943"   "6321382"  <br>"6379246"   "6401059"  <br>"6408435"   "6481013").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/11/20 15:06 |
| S65 | 9       | ((KENNETH) near2 (PERDUE)).<br>INV.  | US-PGPUB;<br>USPAT  | OR | ON  | 2007/04/14 10:10 |
| S66 | 12      | ((KENNETH) near2 (PERDUE)).<br>INV.  | EPO; JPO;<br>DERWENT  | OR | ON  | 2006/11/20 15:21 |
| S67 | 2093089 | (control\$4 or prohibit\$4 or<br>inhibit\$4 or permit\$4 or allow\$4)<br>near5 (transmit\$4 or transmission<br>or flow\$4 or send\$4 or sent)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/26 16:52 |
| S68 | 919692  | (control\$4 or prohibit\$4 or<br>inhibit\$4 or permit\$4 or allow\$4)<br>near (transmit\$4 or transmission<br>or flow\$4 or send\$4 or sent)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/26 17:17 |
| S69 | 3127    | (375/219 or 375/220 or 725/86 or<br>725/105).ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/26 16:54 |
| S70 | 1085    | S68 and S69  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/26 16:55 |
| S71 | 15233   | ("725").clas.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/26 16:55 |

## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S72 | 4320    | S68 and S71.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 16:55 |
| S73 | 1055    | (725/86 or 725/105).cccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 16:56 |
| S74 | 342     | S68 and S73  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 16:56 |
| S75 | 7952784 | (control or "cpu" or controller)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 16:56 |
| S76 | 633323  | S68 with S75   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 16:58 |
| S77 | 282     | S73 and S76  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 16:58 |
| S78 | 285669  | (prohibit\$4 or inhibit\$4 or<br>permit\$4 or allow\$4) near<br>(transmit\$4 or transmission or<br>flow\$4 or send\$4 or sent) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 17:17 |
| S79 | 31793   | S75 with S78   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 17:22 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S80 | 10    | S73 and S79  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 17:19 |
| S81 | 56    | S69 and S79  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 17:23 |
| S82 | 76182 | (inhibit\$4 or prohibit\$4 or restrict\$4) near5 ("CPU" or controller or circuit or processor) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:06 |
| S83 | 22940 | (inhibit\$4 or prohibit\$4 or restrict\$4) near1 ("CPU" or controller or circuit or processor) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 10:41 |
| S88 | 10440 | uart   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 10:43 |
| S89 | 3125  | g near1 link   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 10:43 |
| S90 | 3     | S88 same S89   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 10:43 |
| S91 | 22    | S88 and S89  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 10:44 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S92 | 2       | S82 and S91   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 10:44 |
| S93 | 4       | S82 same S89  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 10:45 |
| S94 | 19      | S82 and S89   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 10:54 |
| S95 | 509     | S82 and S88   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 10:55 |
| S96 | 19      | S82 same S88  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 10:55 |
| S97 | 8005004 | (inhibit\$4 or prohibit\$4 or<br>restrict\$4 or allow\$ or permit\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 15:24 |
| S98 | 936     | S89 same S97  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:08 |
| S99 | 2440    | S88 same S97  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:07 |

## EAST Search History

|          |        |                        |   |    |    |                  |
|----------|--------|------------------------|---|----|----|------------------|
| S10<br>0 | 2      | S98 same S99           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:07 |
| S10<br>1 | 2      | S88 same S89 same S97  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:08 |
| S10<br>2 | 534689 | writ\$4 same read\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:10 |
| S10<br>3 | 114002 | S97 same S102          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:09 |
| S10<br>4 | 130139 | ("725" or "348").clas. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:11 |
| S10<br>5 | 3468   | S103 and S104          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:11 |
| S10<br>6 | 0      | S89 and S105           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:11 |
| S10<br>7 | 46     | S88 and S105           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:47 |

## EAST Search History

|          |       |  |   |    |    |                  |
|----------|-------|--|---|----|----|------------------|
| S10<br>8 | 2     | (feedback or loopback) with (g<br>near1 link) with uart          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:48 |
| S10<br>9 | 2     | (feedback or loopback) same (g<br>near1 link) same uart          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:49 |
| S11<br>0 | 3     | (feedback or loopback) with (g<br>near1 link)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:50 |
| S11<br>1 | 10    | (feedback or loopback) same (g<br>near1 link)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:50 |
| S11<br>2 | 2     | (feedback or loopback) same<br>interrupt\$4 same (set near2 box) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:52 |
| S11<br>3 | 10875 | (feedback or loopback) same<br>interrupt\$4                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:53 |
| S11<br>4 | 55123 | (set near2 box)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:52 |
| S11<br>5 | 159   | S113 and S114  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:52 |

## EAST Search History

|          |        |                |   |    |    |                  |
|----------|--------|----------------|---|----|----|------------------|
| S11<br>6 | 1      | S89 and S115   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:53 |
| S11<br>7 | 861343 | interrupt\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:53 |
| S11<br>8 | 159    | S115 and S117  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:54 |
| S12<br>1 | 619683 | unnecessary    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 11:55 |
| S12<br>3 | 57     | S118 and S121  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 12:00 |
| S12<br>4 | 154    | S97 and S118   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 12:01 |
| S12<br>5 | 2733   | S97 same S113  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 12:02 |
| S12<br>6 | 0      | S114 same S125 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 12:02 |

## EAST Search History

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S12<br>7 | 56  | S114 and S125  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/31 12:09 |
| S12<br>8 | 630 | (demonstration near mode)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/31 12:09 |
| S12<br>9 | 24  | S117 same S128   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/31 12:10 |
| S13<br>0 | 18  | S97 and S129   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/31 15:25 |
| S13<br>1 | 2   | S114 and S130  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/31 12:11 |
| S13<br>2 | 15  | ("20010013131"   "20010037502"<br>  "5093921"   "5355480"  <br>"5469206"   "5606443"  <br>"5657072"   "5835864"  <br>"5938766"   "5987213"  <br>"6052556"   "6154633"  <br>"6415023"   "6452616"  <br>"6469742").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/03/31 16:19 |
| S13<br>3 | 11  | ("5606443").URPN.  | USPAT   | OR | ON  | 2007/03/31 13:54 |
| S13<br>4 | 0   | ("6665871").URPN.  | USPAT   | OR | ON  | 2007/03/31 14:06 |
| S13<br>5 | 2   | ("20030123844").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/31 15:16 |



## EAST Search History

|          |          |  |   |    |    |                  |
|----------|----------|--|---|----|----|------------------|
| S13<br>6 | 305305   | operating near system  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 15:16 |
| S13<br>7 | 1915     | S114 same S136   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 15:17 |
| S13<br>8 | 17       | S117 same S137   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 15:24 |
| S13<br>9 | 1        | S128 and S138  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 15:18 |
| S14<br>0 | 13108938 | (inhibit\$4 or prohibit\$4 or<br>restrict\$4 or allow\$ or permit\$4 or<br>control\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 16:55 |
| S14<br>1 | 543      | S128 and S140  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 15:26 |
| S14<br>2 | 554      | S114 same S117   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 15:27 |
| S14<br>3 | 1        | S141 and S142  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 15:27 |

## EAST Search History

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S14<br>4 | 7319  | S114 and S117   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 15:27 |
| S14<br>5 | 8     | S141 and S144   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 16:52 |
| S14<br>6 | 77841 | (transmit\$4 or transmission or<br>flow\$4 or send\$4) with (inhibit\$4<br>or prohibit\$4 or restrict\$4 or<br>hold\$4) with (signal or data) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 16:21 |
| S14<br>7 | 1     | S114 and S128 and S146  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 16:22 |
| S14<br>8 | 16    | S128 and S146   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 16:23 |
| S14<br>9 | 543   | S128 and S140   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 16:31 |
| S15<br>0 | 11    | ("5606443").URPN.   | USPAT   | OR | ON | 2007/03/31 16:32 |
| S15<br>1 | 2     | jp-59189904-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 16:53 |
| S15<br>2 | 0     | jp-0165296-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 16:54 |

## EAST Search History

|          |         |  |   |    |    |                  |
|----------|---------|--|---|----|----|------------------|
| S15<br>3 | 0       | jp-00165296-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/31 16:54 |
| S15<br>4 | 504527  | ((first or 1st) near2 (circuit or ckt or board or module or processor))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 15:57 |
| S15<br>5 | 427771  | ((second or 2nd or another) near2 (circuit or ckt or board or module or processor))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 15:58 |
| S15<br>6 | 3376303 | (control near2 (circuit or ckt or board or module or processor or unit or device)) or controller       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 15:59 |
| S15<br>7 | 290524  | (prohibit\$4 or prevent\$4 or inhibit\$4 or preclud\$4 or halt\$4 or stop\$4 or block\$4) near2 signal | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 16:00 |
| S15<br>8 | 1211    | S154 same S155 same S156 same S157   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 16:00 |
| S15<br>9 | 589305  | (television or tv or (set\$1top near box))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 16:01 |
| S16<br>0 | 21      | S158 same S159   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 16:12 |

## EAST Search History

|          |        |  |   |    |    |                  |
|----------|--------|--|---|----|----|------------------|
| S16<br>1 | 109    | S158 and S159  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 16:13 |
| S16<br>2 | 34     | (halfduplex or half\$1duplex) near4<br>(control) near4 (means or circuit<br>or ckt or board or module) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/14 10:08 |
| S16<br>3 | 589305 | (television or tv or (set\$1top near<br>box))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/14 09:38 |
| S16<br>4 | 3      | S163 and S162  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/14 09:38 |
| S16<br>5 | 1      | kr-2001063888-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/14 10:09 |
| S16<br>6 | 325    | ((j) near2 (Park)).INV.  | US-PGPUB;<br>USPAT  | OR | ON | 2007/04/14 10:35 |